



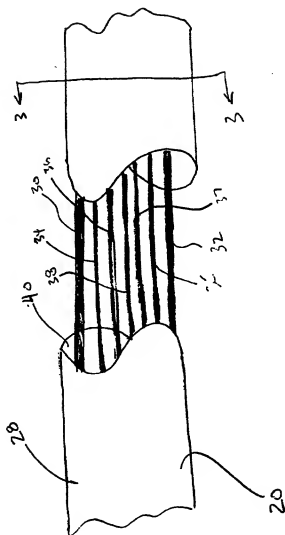
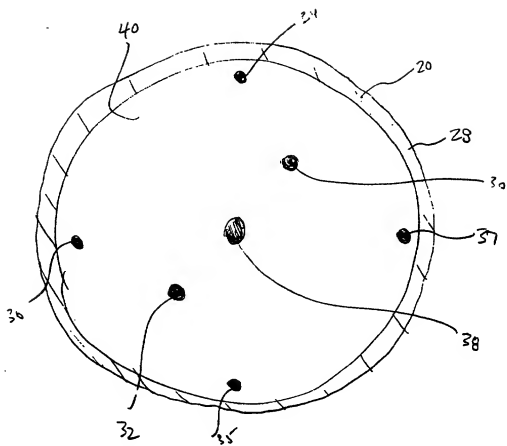
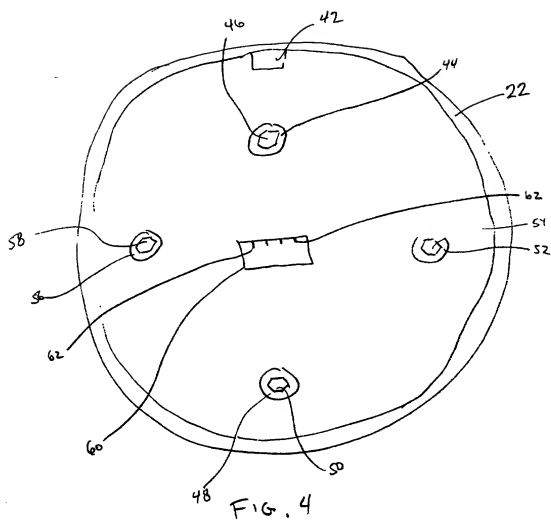
[illegible]

Fig. 2



20250401 1000534 037500



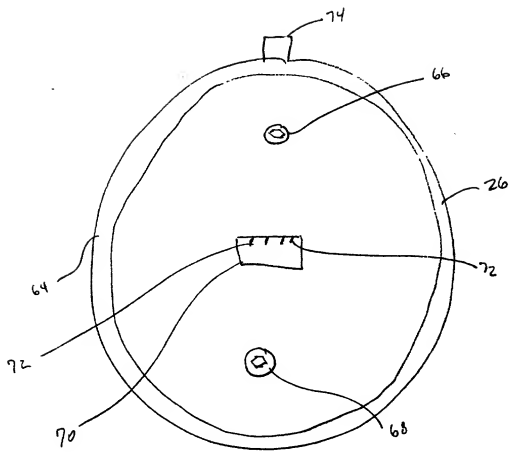


FIG. 5

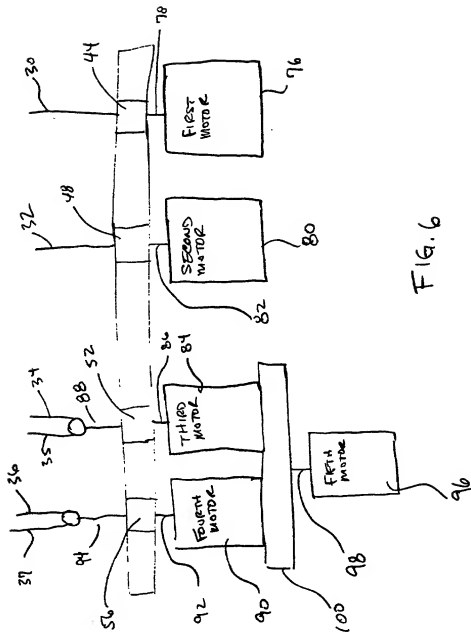
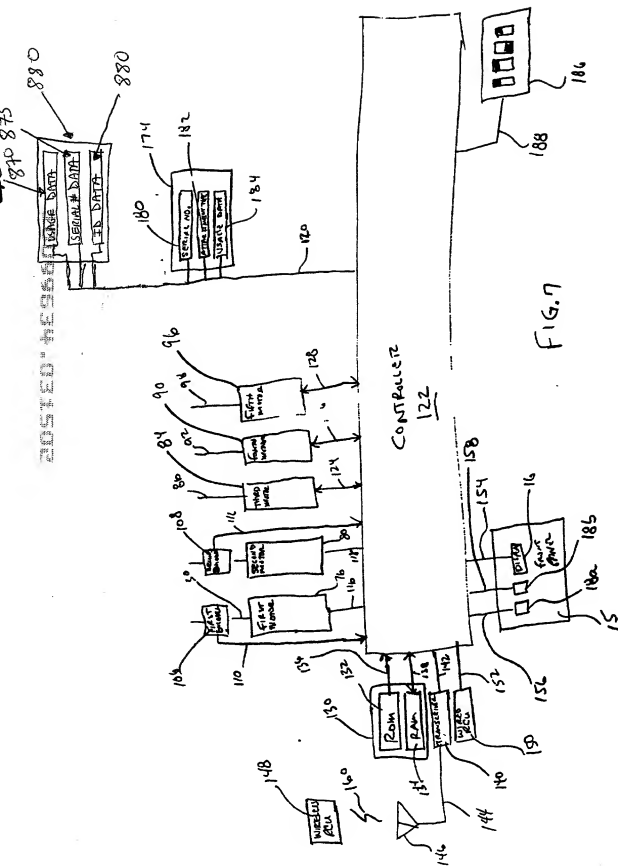


FIG. 6



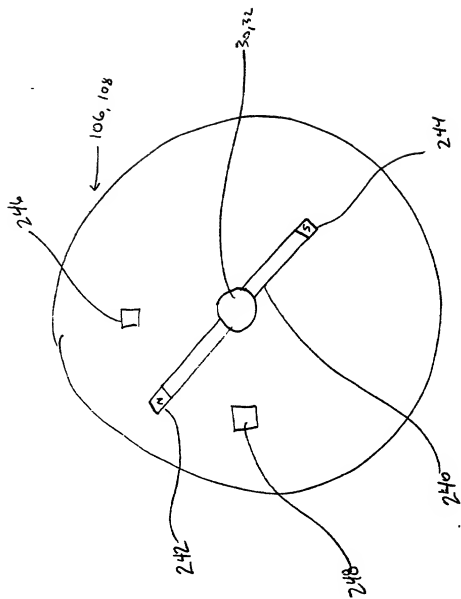


FIG. 8



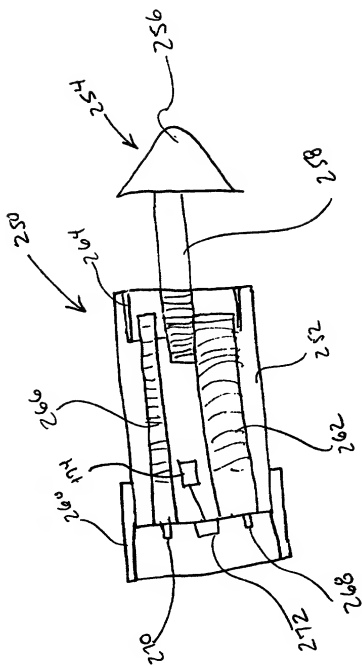


FIG. 9A

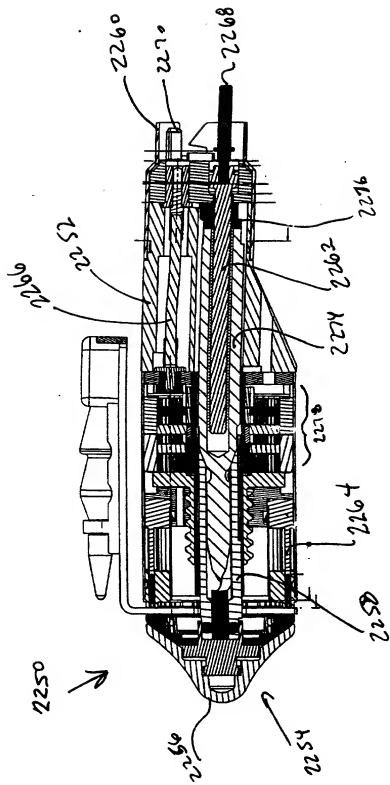


Figure 9B

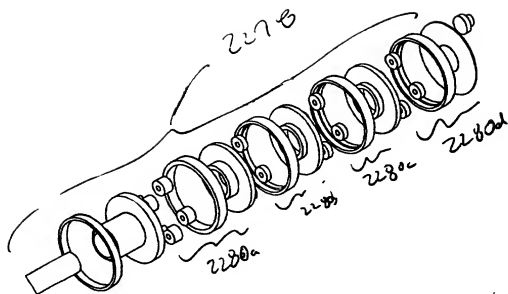


FIG. 9C

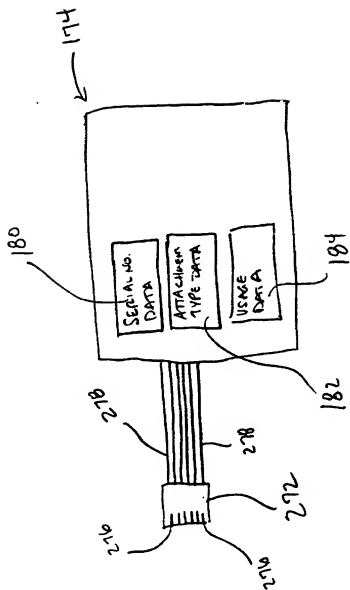


Fig. 10

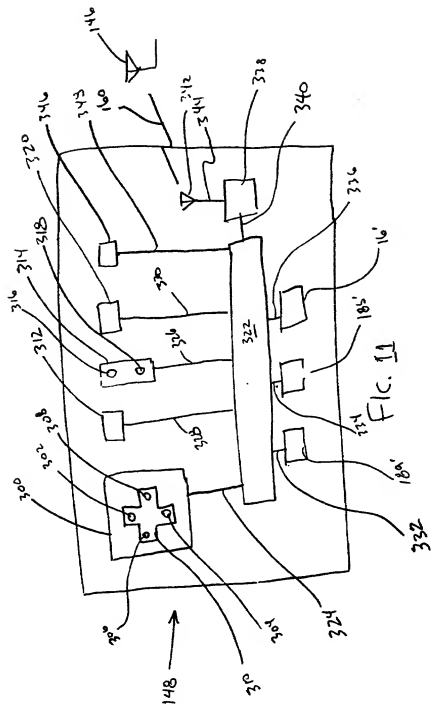
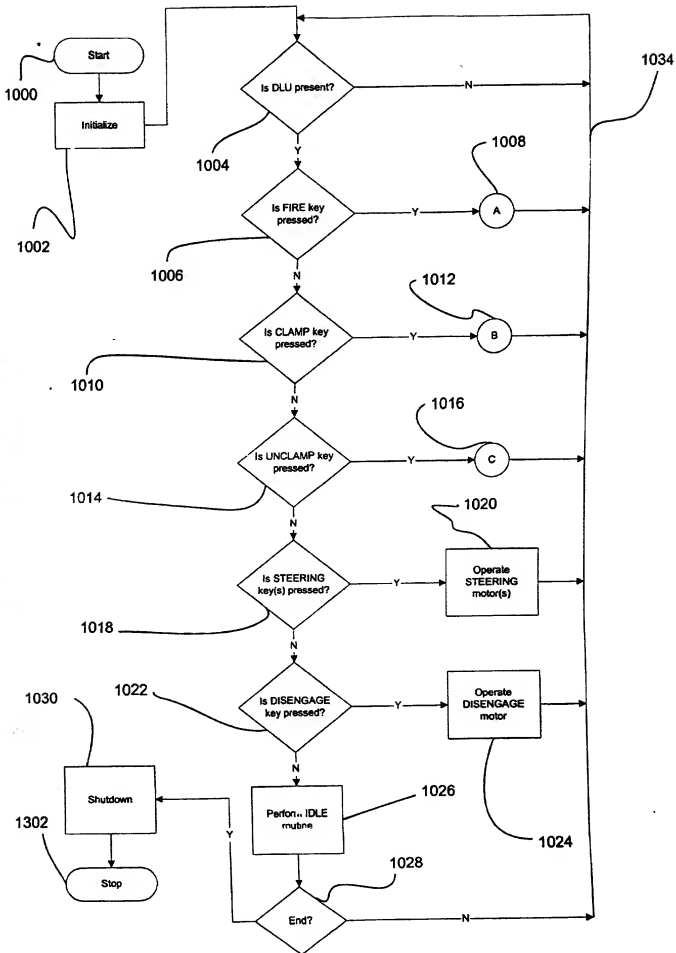
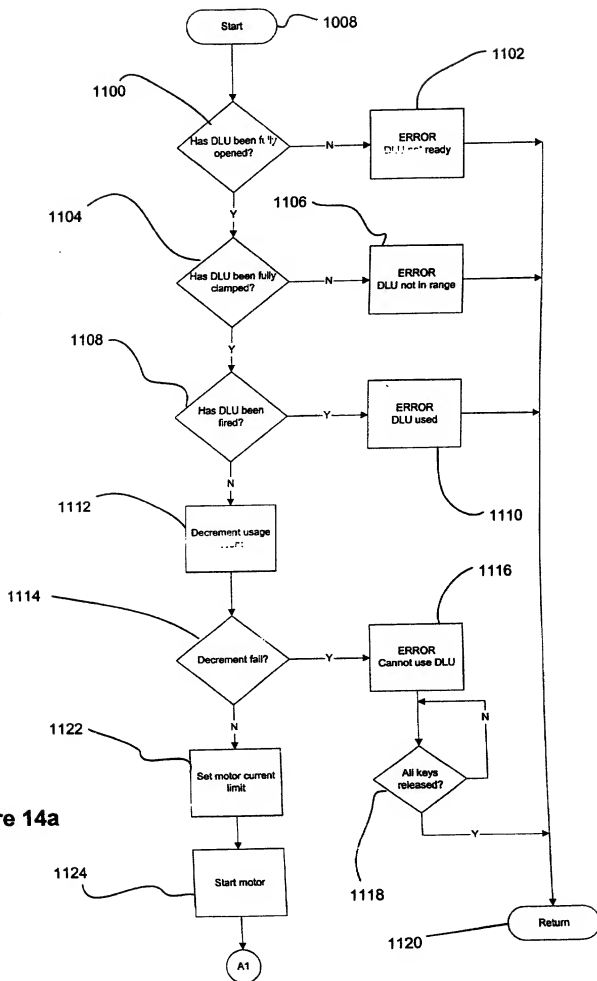


Fig. 12

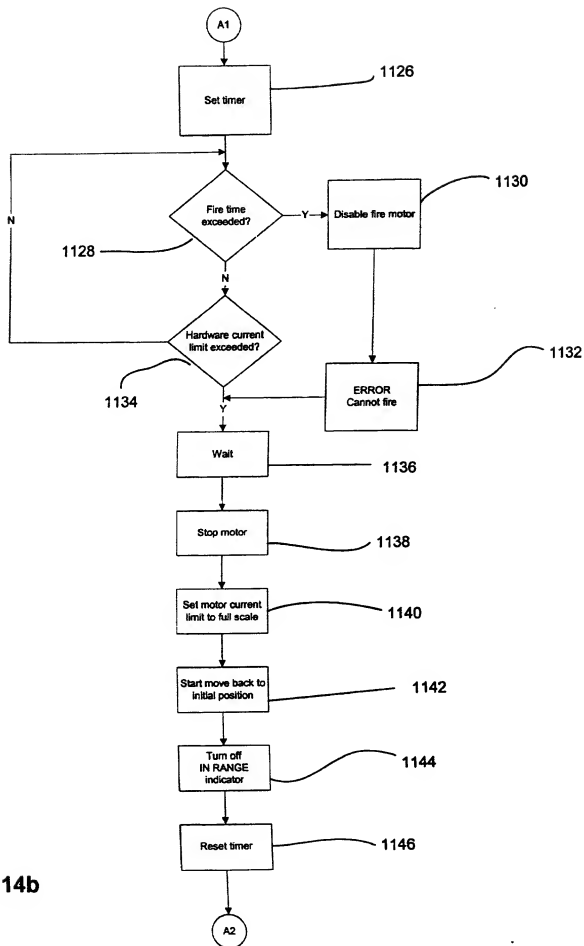


**Figure 13**

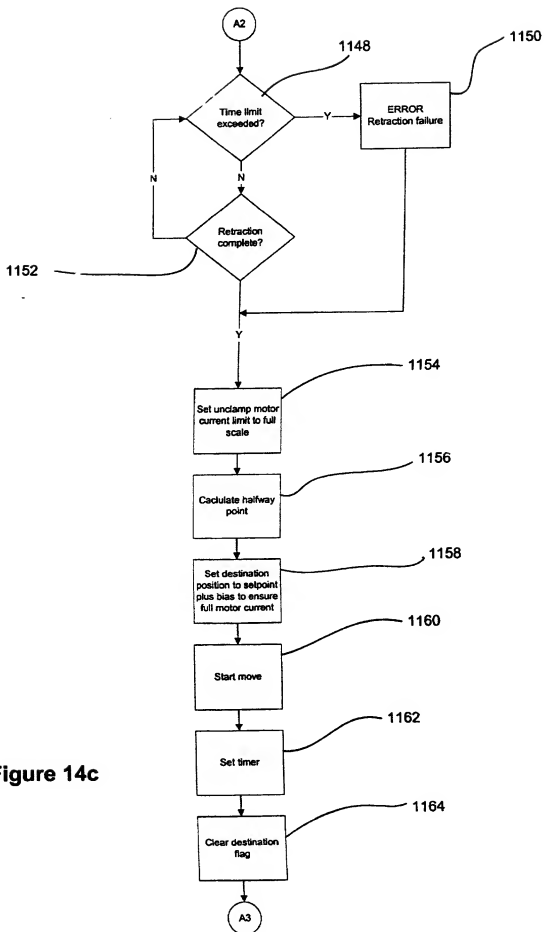
Figure 14a







**Figure 14b**



**Figure 14c**

20250429001

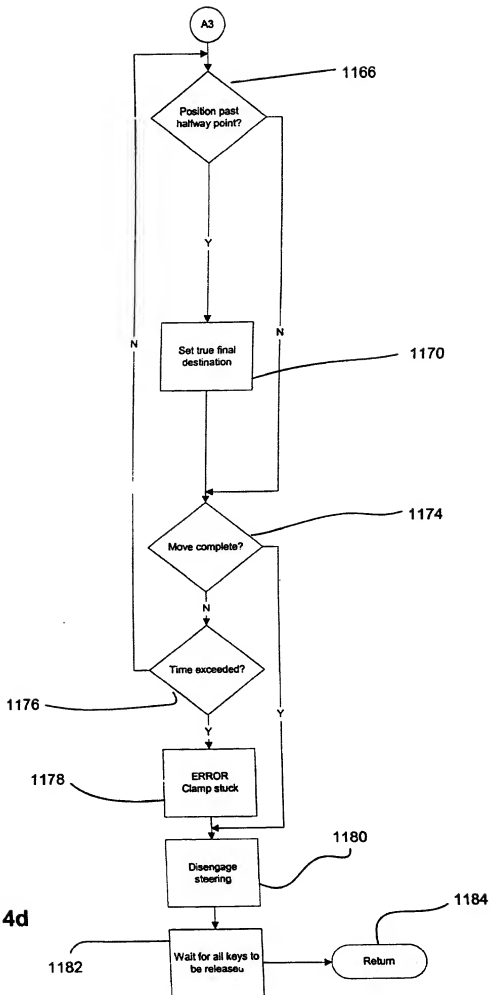


Figure 14d

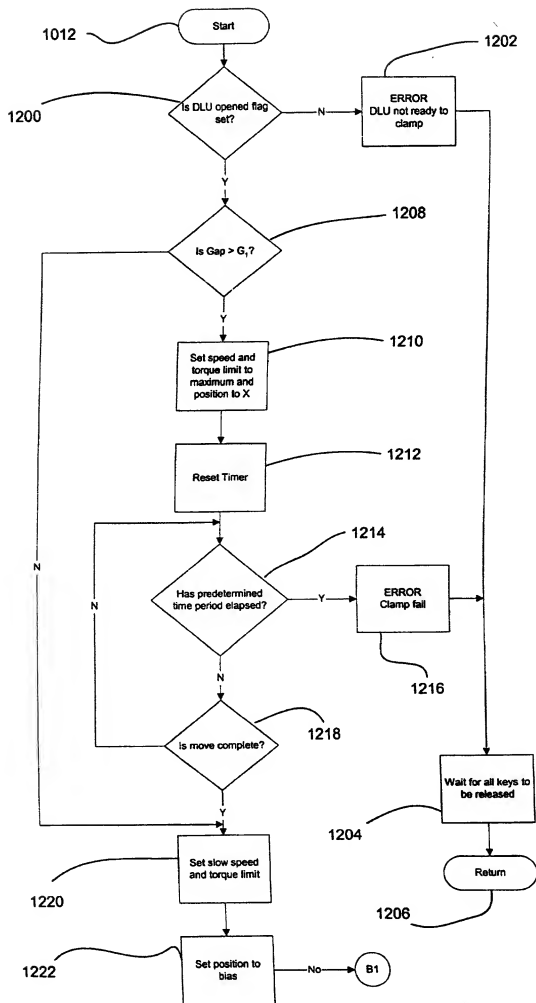


Figure 15a

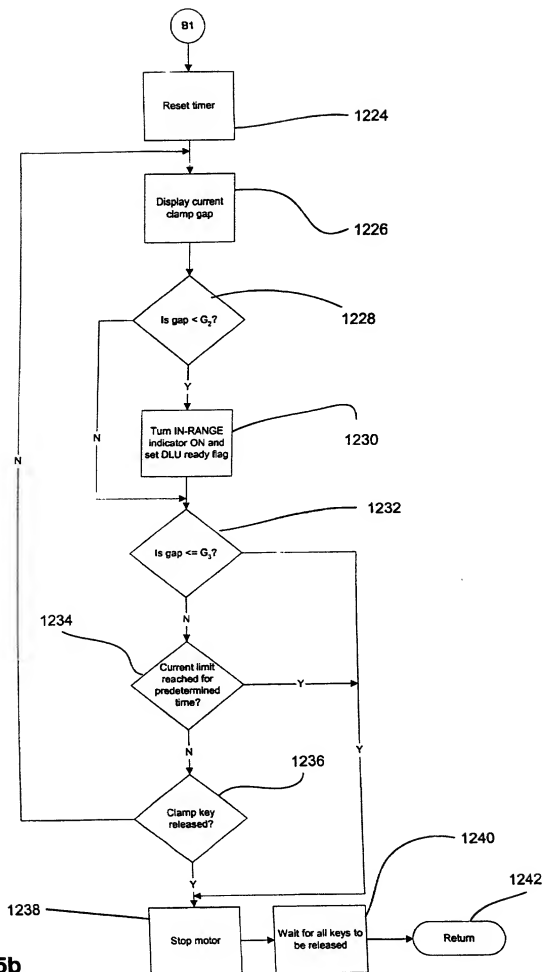


Figure 15b

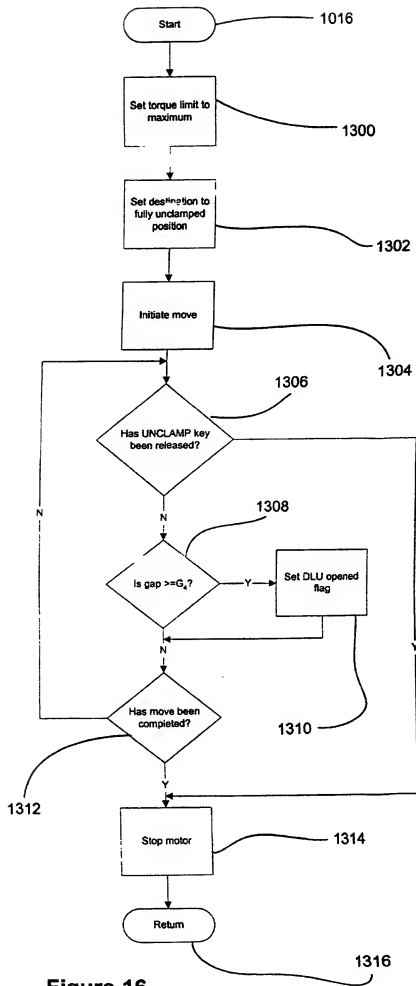


Figure 16

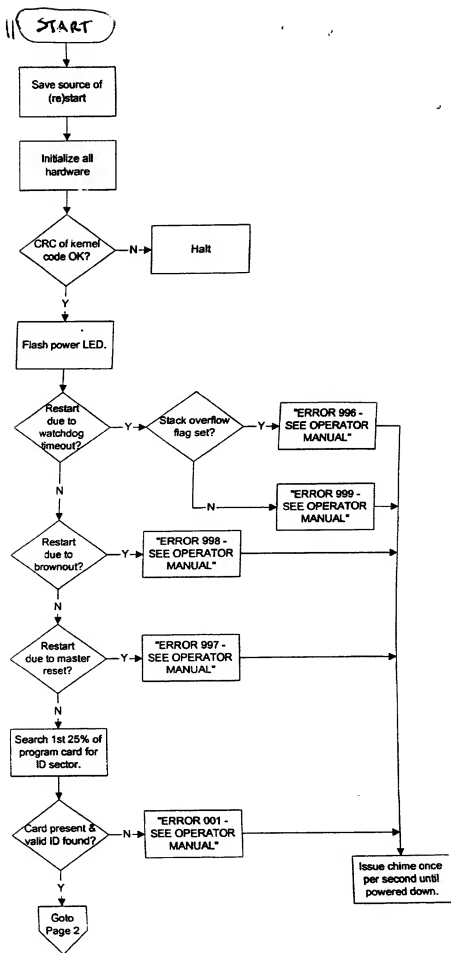


FIG. 17a

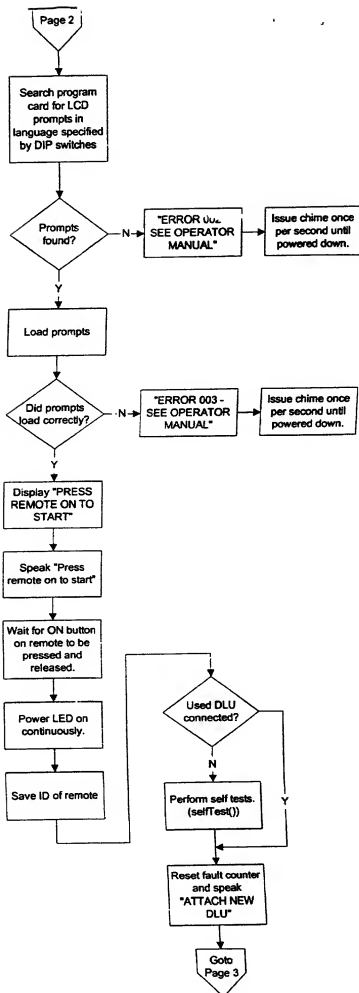


FIG. 17b



# Main processing loop

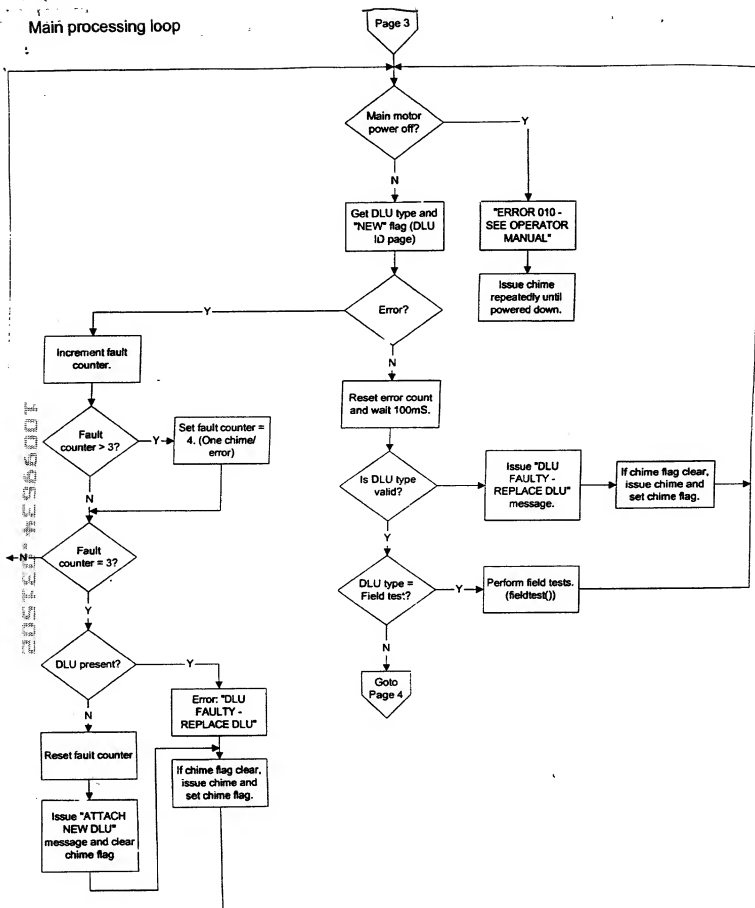


FIG. 17c

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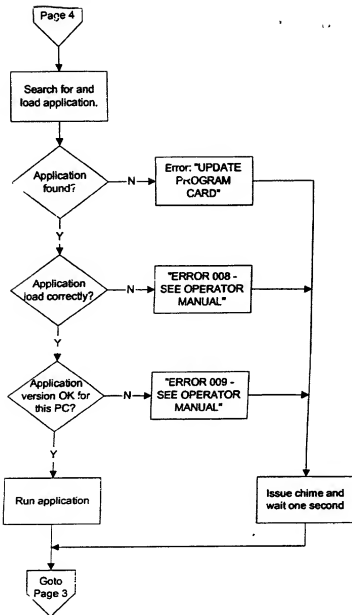


FIG. 17d

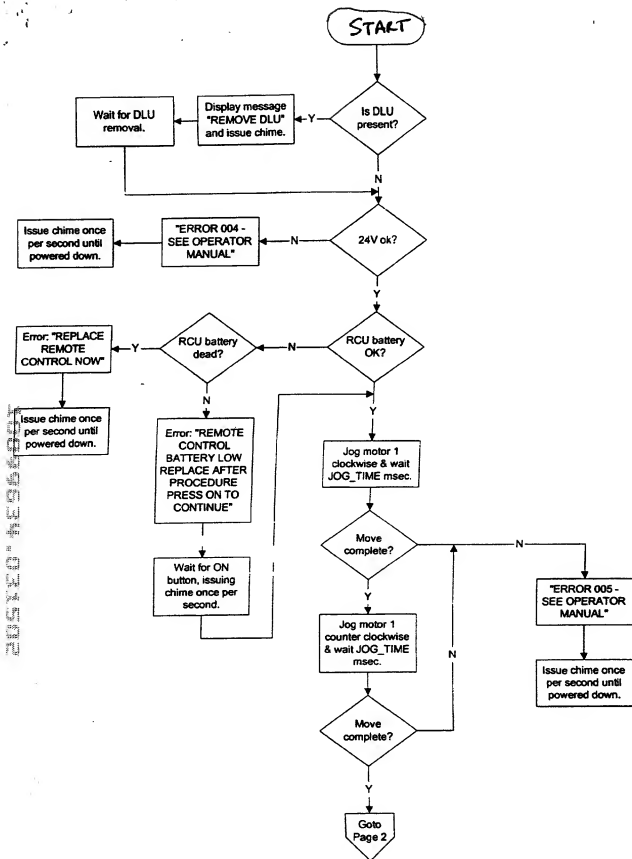


FIG. 18a

2025 RELEASE UNDER E.O. 14176

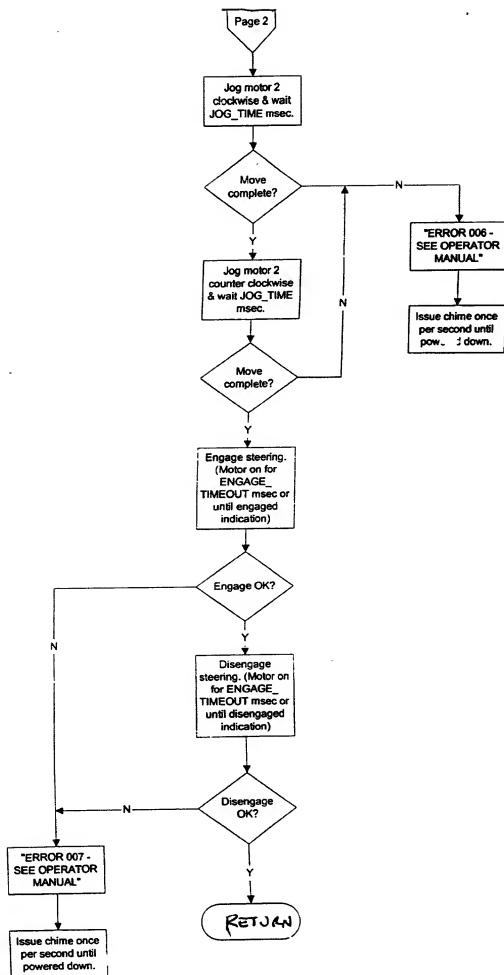


FIG. 18b

1006634-03300

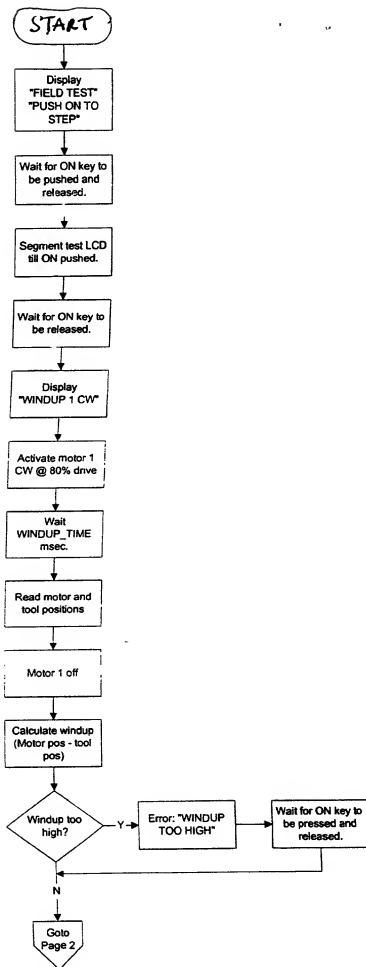


FIG. 19a

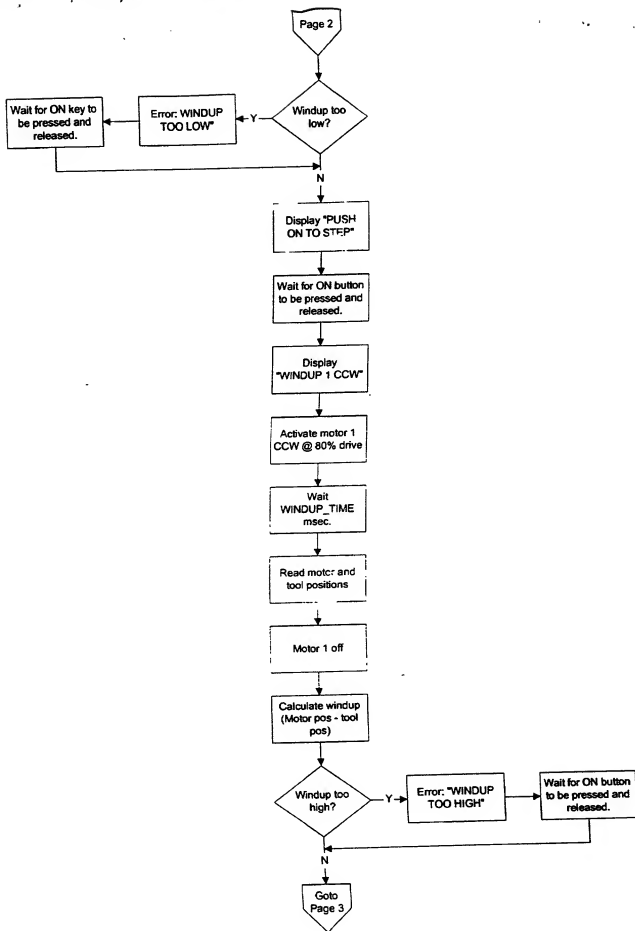


FIG. 196

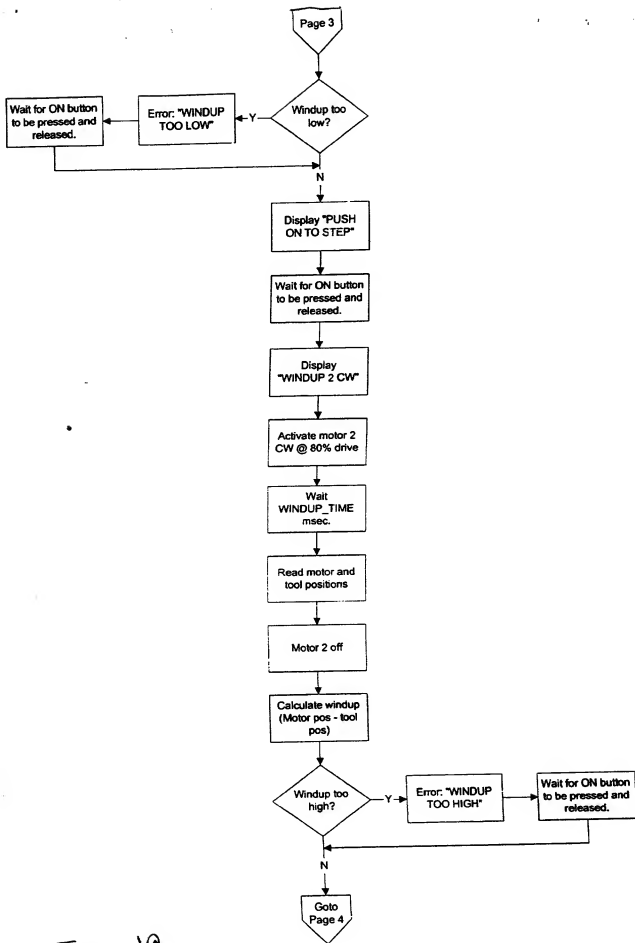


FIG. 19c

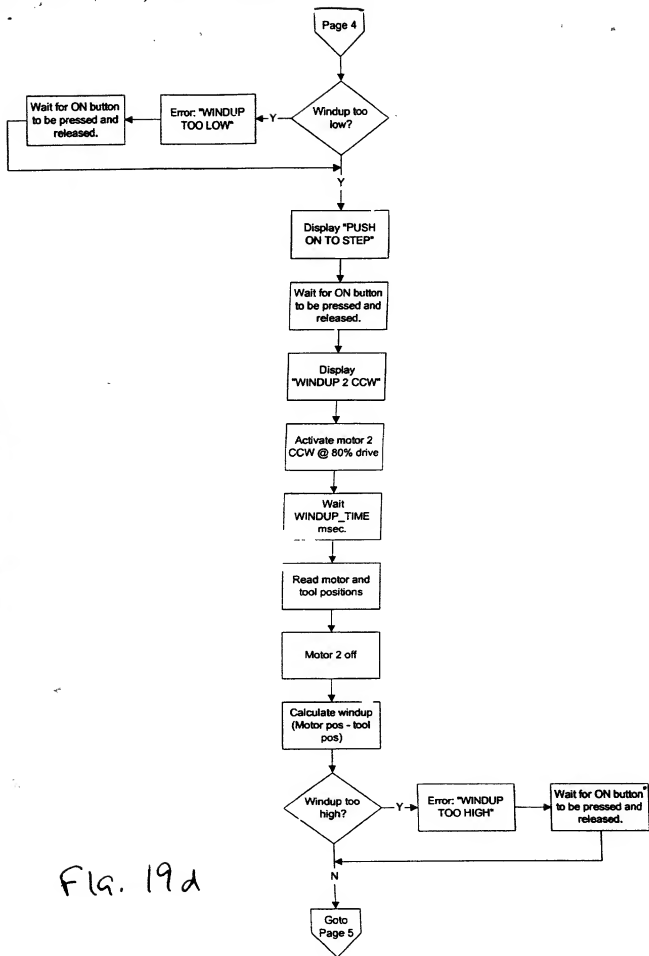


Fig. 19d



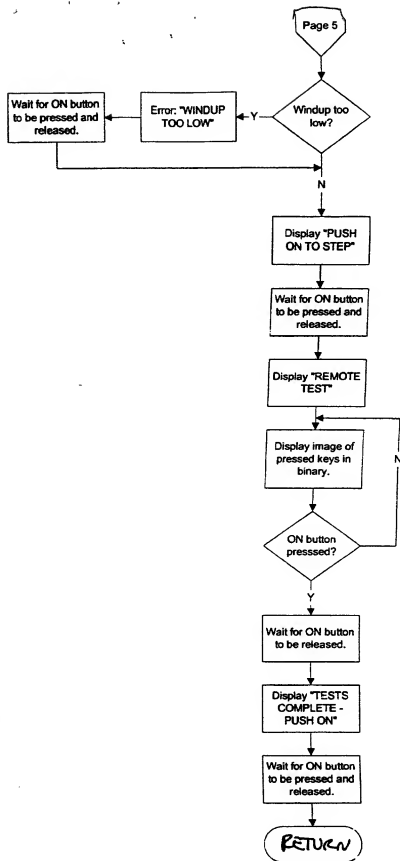


FIG. 19c

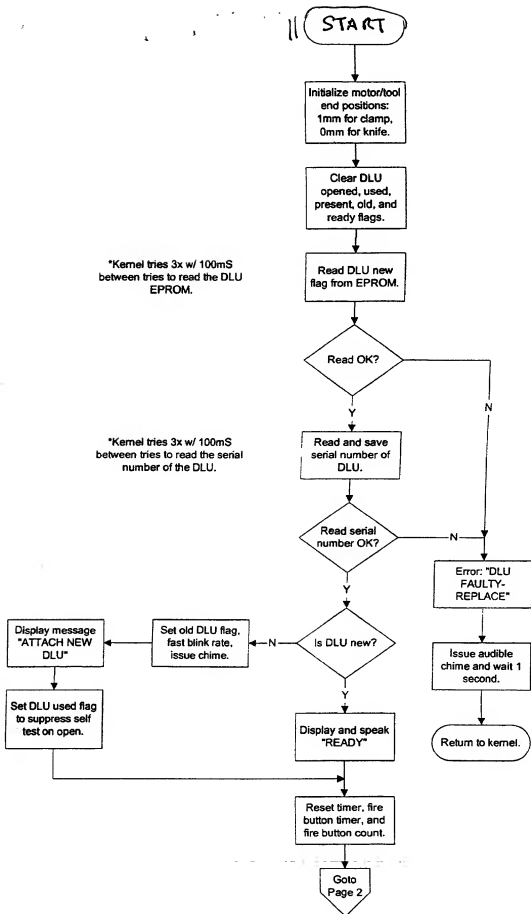


FIG. 20a

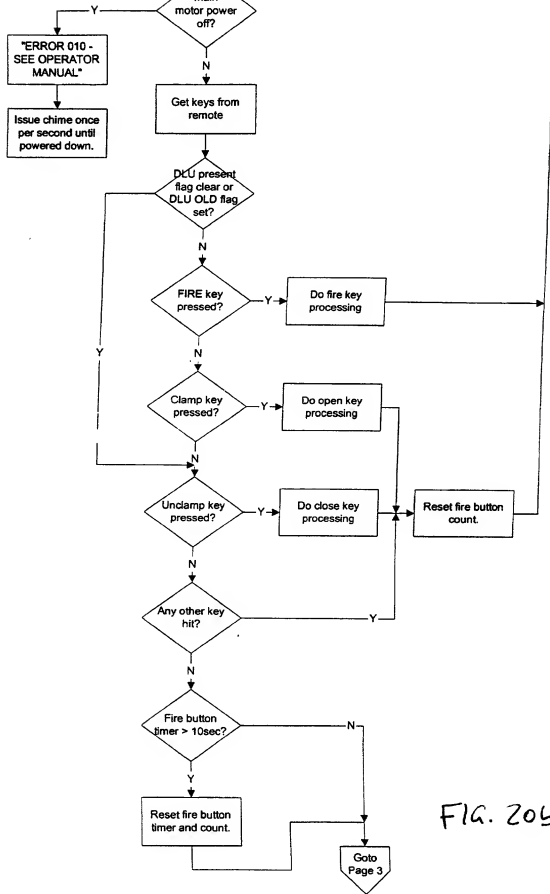
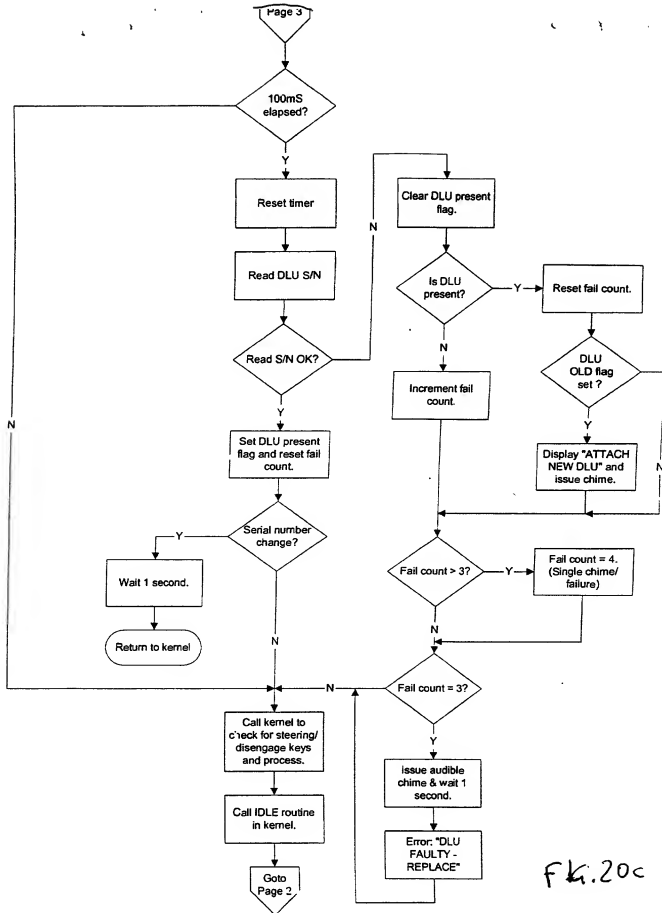


FIG. 206



FK.20c

\*Try 3x w/ 100mS time between tries to read DLU. If this fails, issue message and exit. The retries are performed by the kernel.

\*Try 3x w/ 100mS time between tries to decrement DLU. The retries are performed by the kernel.

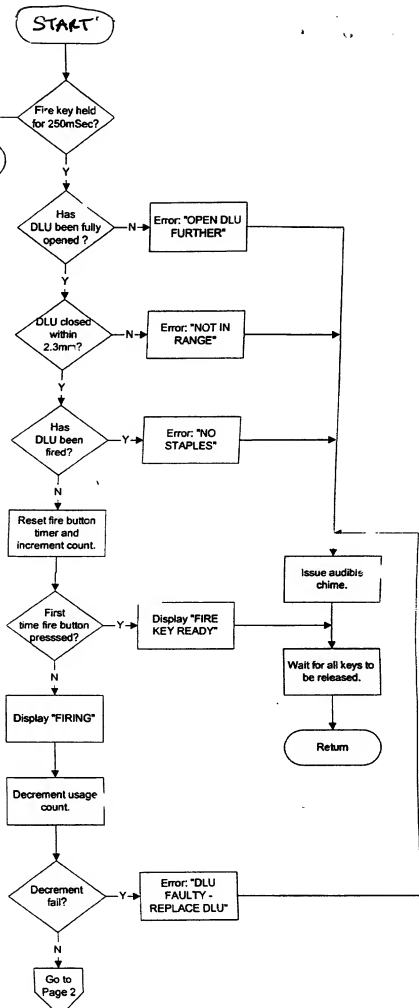


FIG. 21a

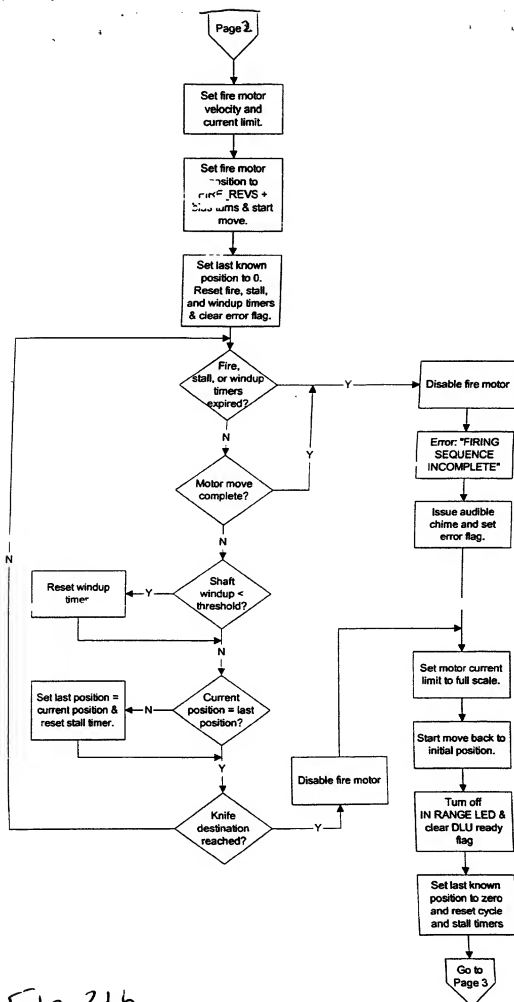


Fig. 21b

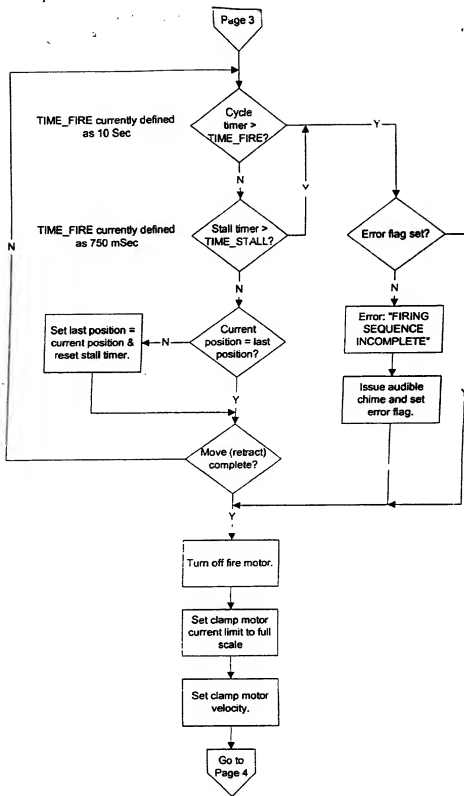


FIG. 21c

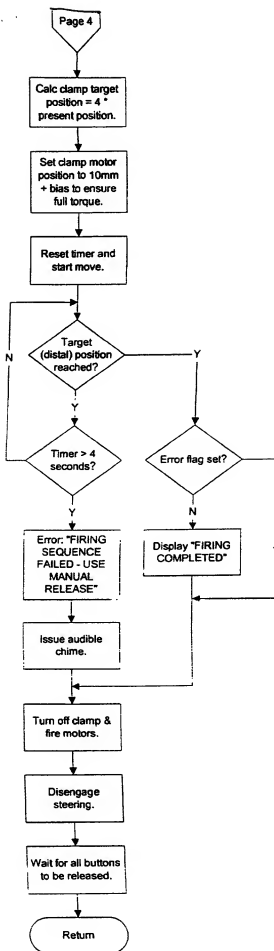


FIG. 21d



2025 RELEASE UNDER E.O. 14176

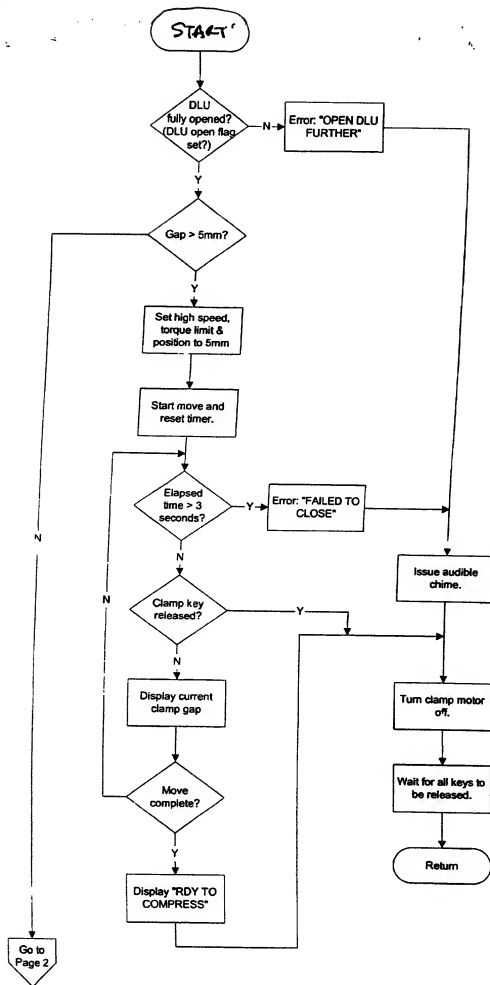


FIG. 22a

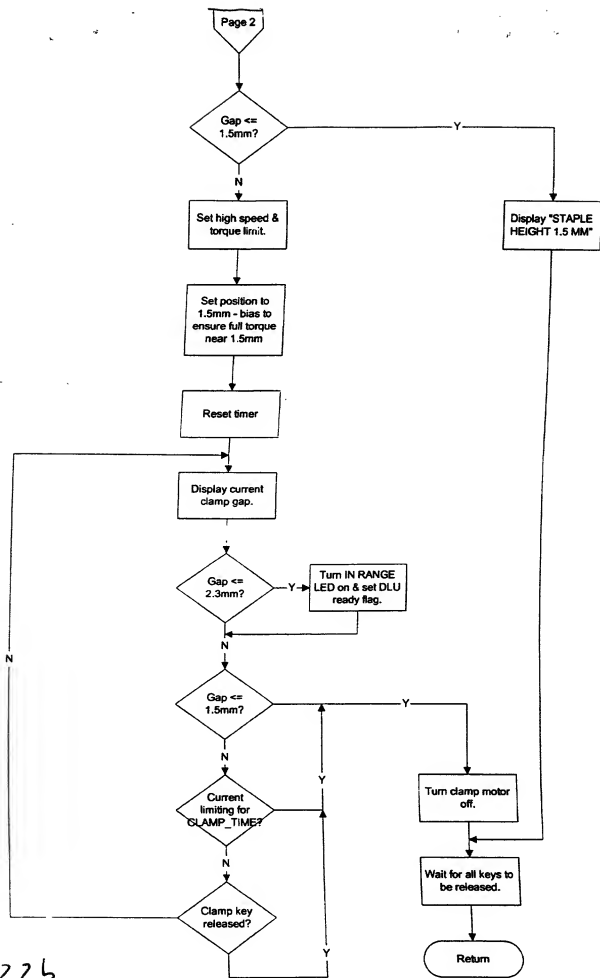


FIG. 225

START

DLU  
used flag  
set?

N

Mark the DLU as  
used.

Write to DLU  
fail?

Y  
Error: "DLU  
FAULTY -  
REPLACE DLU"

Issue audible  
chime.

Wait for all keys to  
be released.

Return

N

Set knife motor  
torque to full scale,  
velocity to 2500  
RPM and position  
to 8 shaft  
revolutions.

Wait 250mSec or  
move complete.

Time expired?

Y  
"ERROR 006 -  
SEE OPERATOR  
MANUAL"

Issue chime once  
per second until  
power down.

N

Did  
shaft move < 2  
revs at distal  
end?

N  
Error: "REPLACE  
FLEXSHAFT"

Issue audible  
chime.

Return knife motor  
to original position  
and turn motor off.

Wait for all keys to  
be released.

Return

Y

Return knife motor  
to original position  
and turn motor off.

Set DLU used flag.

Go to  
Page 2

\*The kernel tries 3x w/ 100mS time  
between tries to write DLU.

FIG. 23a

1009534-634500

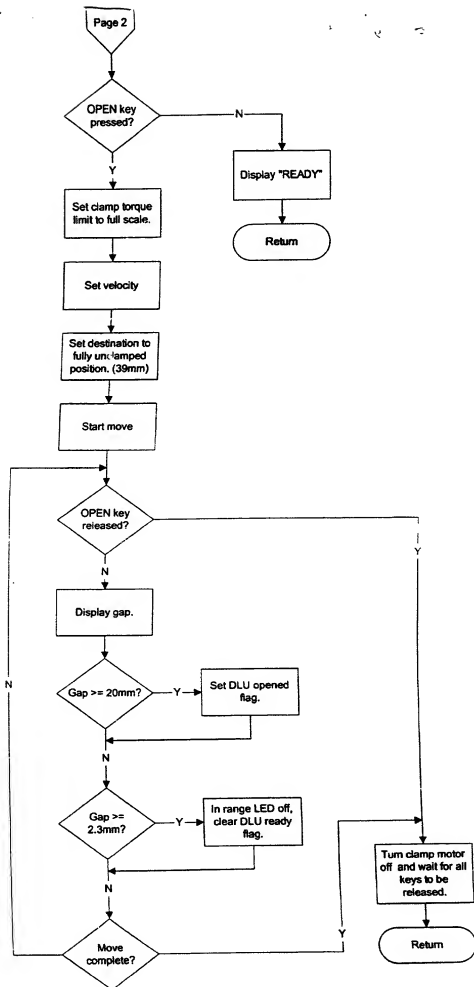


FIG. 23b

500 →

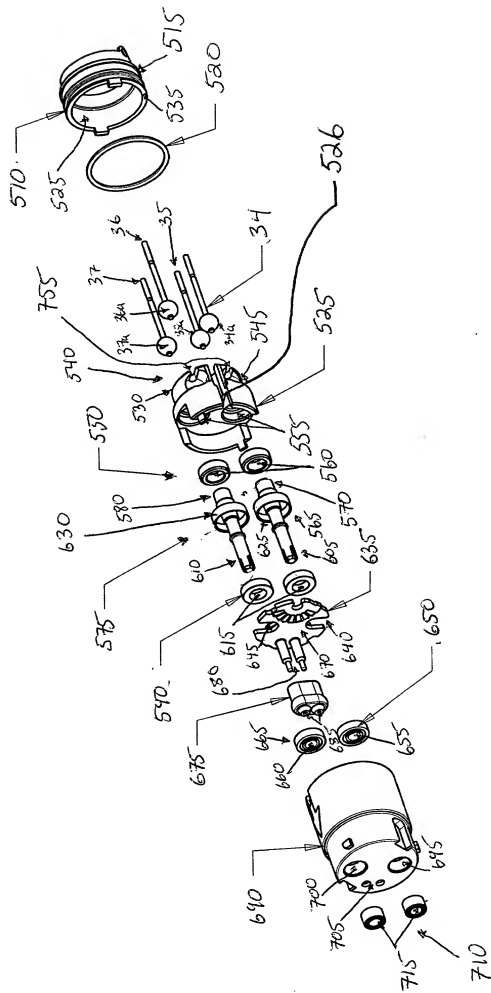


Figure 24b

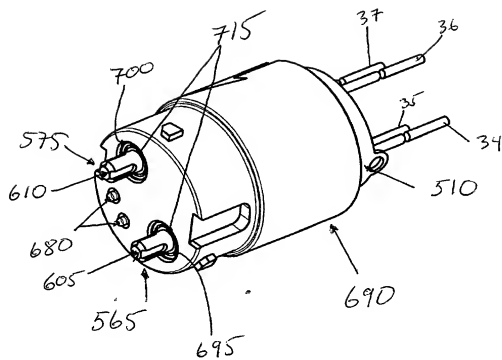


Figure 25

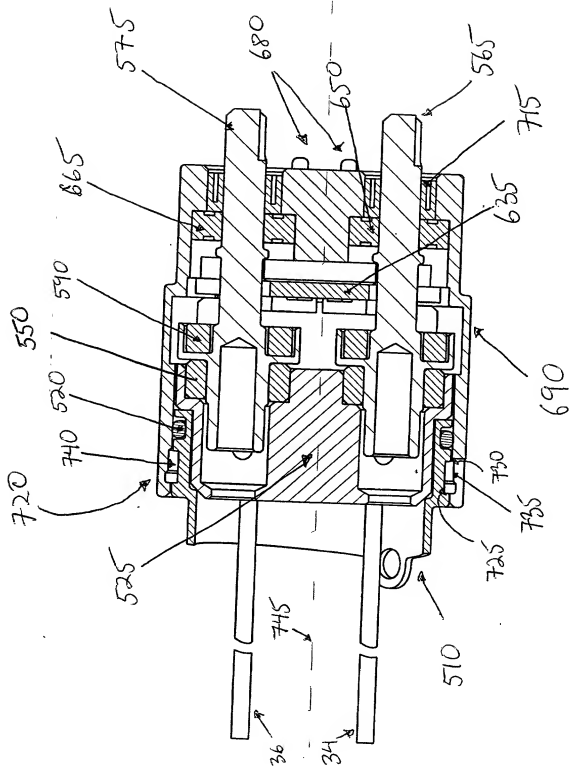


Figure 26a

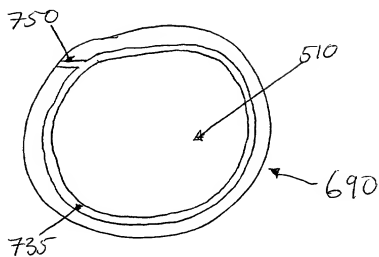


Figure 26b

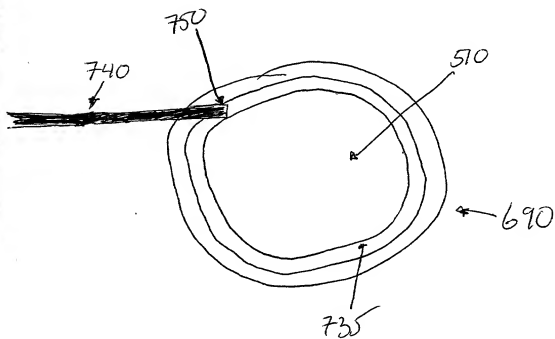




Figure 26c

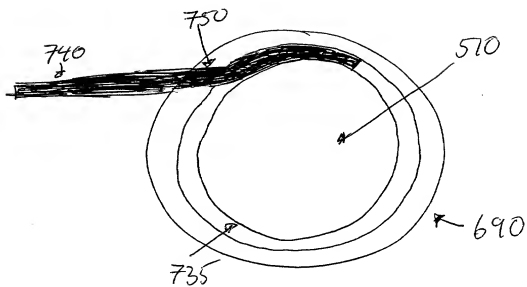


Figure 26d

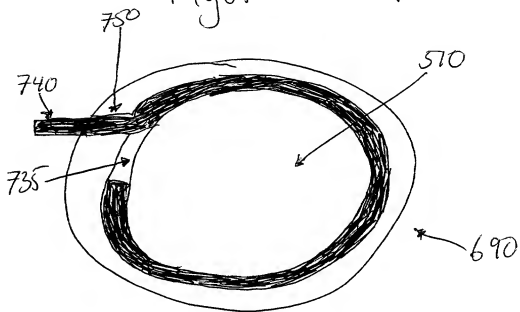


Figure 27

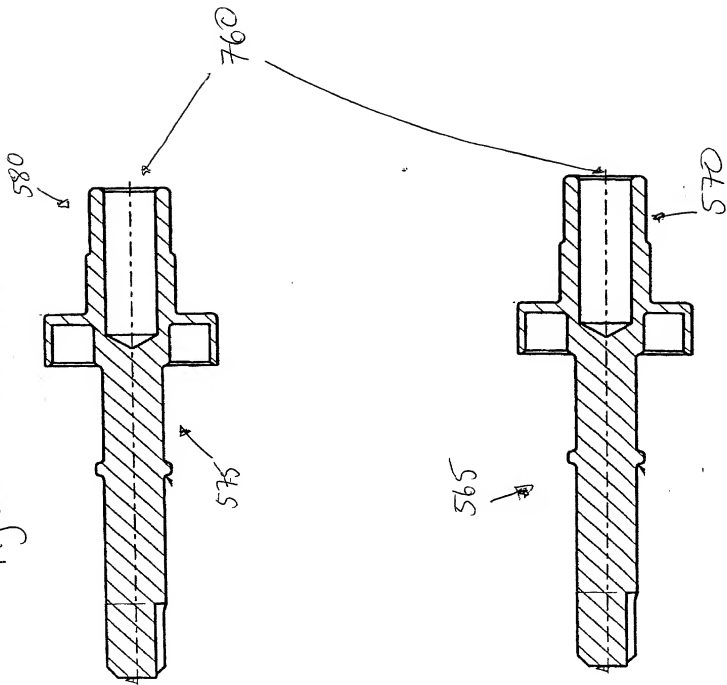


Figure 28a

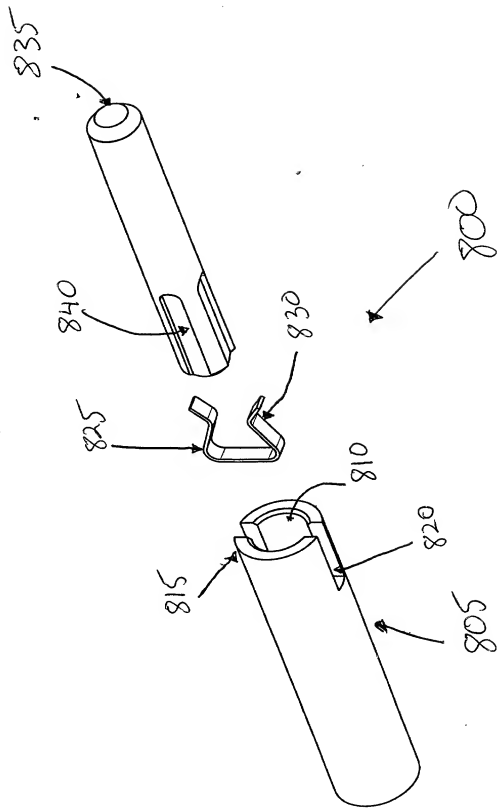


Figure 28B

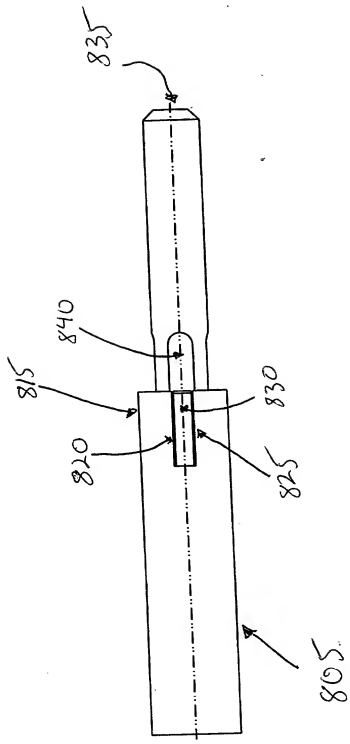


Figure 28C

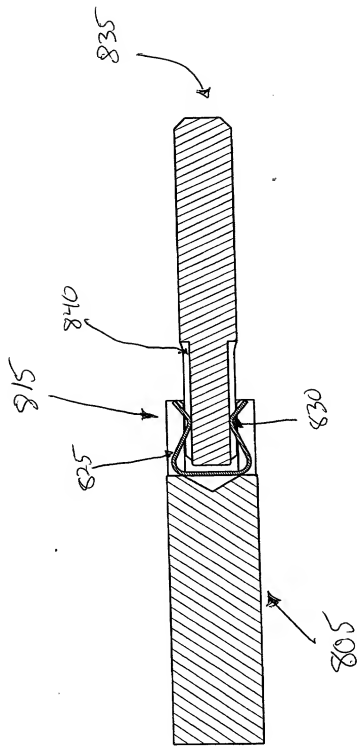


Figure 2

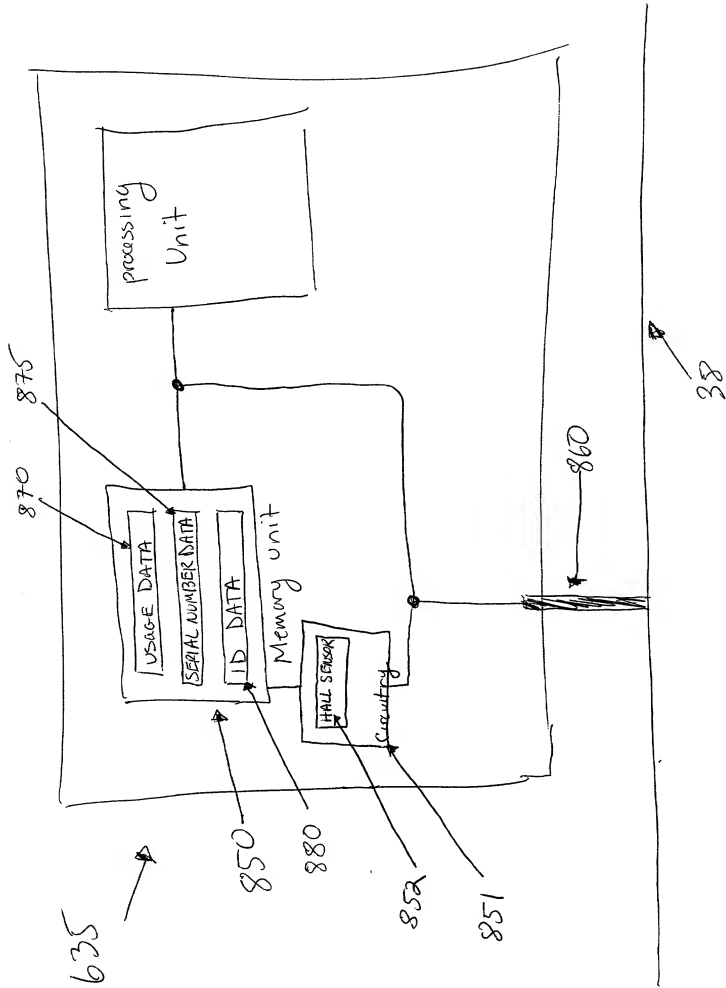


FIGURE 300

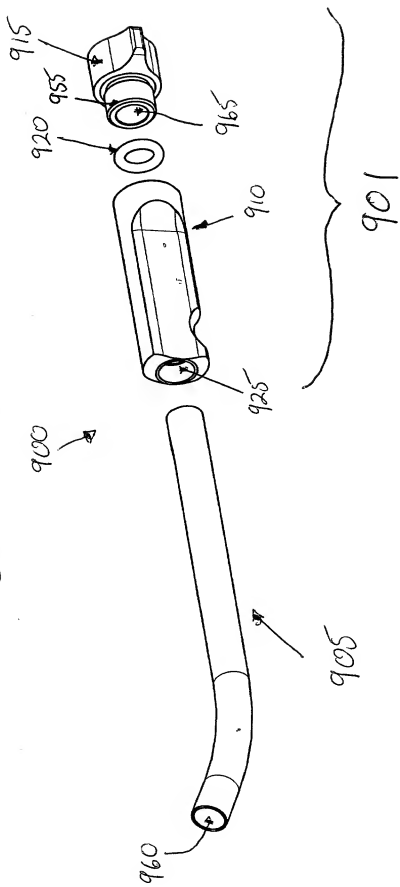


Figure 3Db

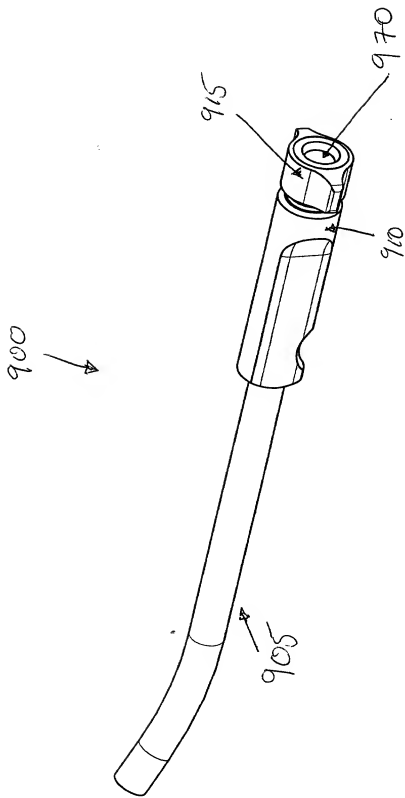




Figure 30C

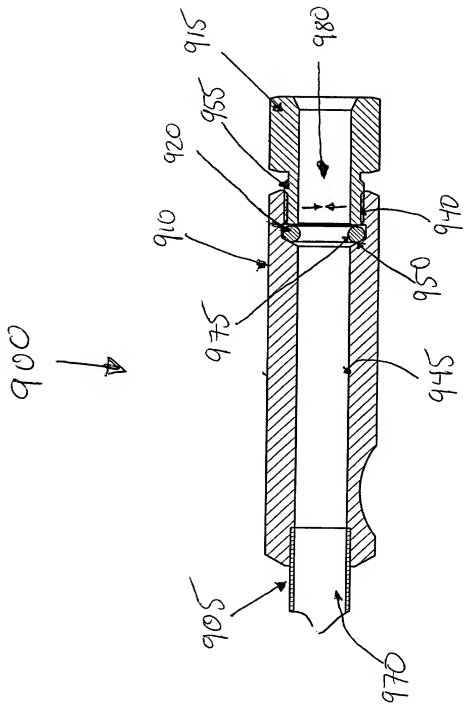
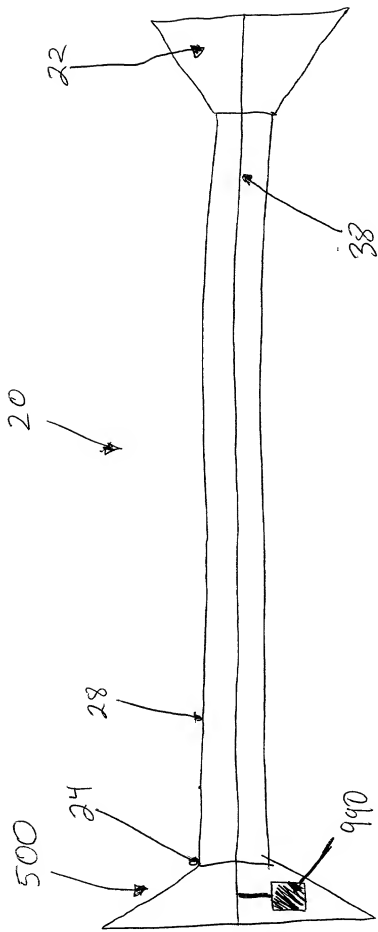


Figure 3



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Figure 32

